

## 1. Identification of the substance or mixture and the company/supplier

### 1.1 Product description:

Item name: slabs and rolls of reinforced polyester resin with glass fibres (fibre glass)

Commercial name: Elycold ®-Elyplan®-Elyplast®

### 1.2 Application

Construction, coverings for caravan walls, coverings for walls of refrigerated vehicles – professional use.

### 1.3 Information on the provider of the safety information

Producer: Brianza Plastica S.p.A. - Via Rivera, 50 - 20841 Carate Brianza (MB), Italy.

Tel 0362 91601 – [info@brianzaplastica.it](mailto:info@brianzaplastica.it)

Hotline: 800.55.4994

### 1.4 Emergency telephone number

Tel 0362 91601

E-mail address of the entity that compiled the safety information: [info@brianzaplastica.it](mailto:info@brianzaplastica.it)

## 2. HAZARD ASSESSMENT

### 2.1 Classification of the substance or mixture

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### 2.2 Label elements

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### 2.3 Other risks

Solid product. In certain conditions, the fibreglass powder is an explosive mixture that can react with air at certain concentrations. Prolonged exposure to fibreglass dust can irritate the skin and respiratory tract.

Not classified as hazardous in accordance with European Regulation 1272/2008 (CLP).

## 3. COMPOSITION/INFORMATION ABOUT THE INGREDIENTS

### 3.1 Substances

Not applicable

### 3.1 Mixtures

Not applicable

In accordance with European Regulation 1097/2006 moulded resin laminates with glass fibres are identified as 'Items'.

Fibreglass laminates are composed of unsaturated, styrene-based, polyester resin, fibre glass, hardening and accelerating agents (catalysers, cobalt, etc.) and any eventual dyes.

## 4. FIRST AID MEASURES

### 4.1 Description of the first aid measures

Contact with the eyes: Rinse eyes immediately with plenty of water, lifting both the upper and lower lids. Check for contact lenses and remove if found. In the event of irritation seek medical attention.

Inhalation: Take the exposed person out into fresh air and keep them rested to aid breathing. Seek immediate medical attention in the case of breathing difficulty.

Ingestion: rinse the mouth with water. No other measures required.

### 4.2 Principal symptoms and effects, both acute and delayed

Exposure to styrene vapours can cause drowsiness or dizziness/ Inhalation: can irritate the respiratory tract. Skin irritant. Eye irritant. Ingestion: can cause irritation of the gastrointestinal tract, nausea, vomiting and diarrhoea.

### 4.3 Recommendations in the event it is necessary to seek immediate medical attention or special treatments

General information: no specific measures required.

## 5. FIRE PREVENTION MEASURES

### 5.1 Types of fire extinguishers that can be used

In case of fire, the use of water, foam or powder extinguishers is recommended. If these are not available carbon dioxide may be used.

### Fire extinguishers that must not be used:

none

### 5.2 Specific hazards caused by the substance or mixture

Combustion produces carbon monoxide (COx), carbon black

### 5.3 Recommendations for fire extinguisher operators

#### *Risk of combustion:*

Combustion can cause very dense, black smoke; the products emitted due to combustion are hazardous and toxic;

Use devices to protect the respiratory tract (breathing apparatus) and wear protective clothing.

## 6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

### 6.1 Personal precautions, protection devices and emergency procedures

Use devices to protect the respiratory tract in the event of exposure to smoke or dust.

### 6.2 Environmental precautions

Avoid contact of the product with water and sewage pipelines and soil.

### 6.3 Methods and materials for containment and decontamination

Fibreglass dust is heavy and in the event of spillage it tends to embed itself in the soil. If necessary, remove using a vacuum device or mechanical brushing.

### 6.4 References to other sections (additional information)

Please refer to the measures stipulated in sections 7 and 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

After handling the product, wash hands thoroughly before carrying out any other activities. Never eat or drink when handling fibreglass products.

### 7.2 Safe storage conditions, including any eventual incompatible situations

Keep away from flames and other heat sources. The product may be stored outdoors, preferably in an area that is not in direct sunlight. The product does not wash away in the rain. Mechanical processing can produce dust, which on contact with the air, can create an explosive environment. Where possible use an extraction system to keep the work area free of dust.

### 7.3 Specific end uses

#### *Handling precautions:*

Use gloves and mechanical protection when handling the product.

#### *Incompatible materials:*

Not applicable

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Control parameters

in the case of processes involving cutting, milling, grinding e.g. the environment must be appropriately equipped with adequate systems and anti-spark devices. If these measures are not sufficient for keeping the concentration of the dust particles of the material below the occupational exposure limits, adequate respiratory protection must be used.

### Exposure controls

Always use an appropriate extraction system to keep the concentration of dust below the occupational exposure limits.

### General Health and Safety measures

Never eat, drink or smoke in the workplace. Use adequate protection systems and aids for the hands, eyes, skin and respiratory tract. Always make sure that the protection devices recommended by the producer are suitable for use with the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on the fundamental physical and chemical properties

Physical state: solid

Colour: various

Odour: chemical (styrene)

PH: not available

Flammability: not flammable

Auto-ignition temperature: > 450 °C

Danger of explosion: not explosive

Density: 1.4, g/cm<sup>3</sup> circa

Water solubility: not soluble

Upper/lower explosive or flammability limit: not available

Additional characteristics on the chemical-physical properties are available in the relevant technical specifications sheet of the product.

### 9.2 Other information

Operating temperature: -40 °C +120 °C

Thermal conductivity ( $\lambda$ ): 0,22 W/mK (ASTM C177)

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

The product is stable (inert) under recommended usage conditions.

### 10.2 Chemical stability

The product is stable under the recommended storage and usage conditions (please see paragraph 7).

### 10.3 Possibility of dangerous reactions

No data available. Some application or using condition can be generate electrostatic charges.

### 10.4 Conditions to avoid

Keep away from open flames, fires, sparks and other sources of ignition.

### 10.5 Incompatible materials

none.

### 10.6 Hazardous decomposition products during combustion

Carbon monoxide (CO<sub>x</sub>) and nitrogen oxides (NO<sub>x</sub>).

## 11. TOTOXICOLOGICAL INFORMATION

### 11.1 Information on the toxicological effects

INHALATION: exposure to dust (during cutting/sanding) can cause irritation.

SKIN: exposure to dust (during cutting/sanding) can cause irritation.

EYES: exposure to dust (during cutting/sanding) can cause irritation.

INGESTION: not applicable

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity: not available

12.2 Persistence and degradability: not available

12.3 Bioaccumulation potential: not available

12.4 Soil mobility: not available

12.5 PBT and vPvB assessment results: not available

12.6 Other adverse effects: none

### 12.7 Additional ecological information

Use the product in accordance with the good work practice guidelines for the sector and always dispose of the product responsibly after use.

## 13. RECOMMENDATIONS FOR DISPOSAL

### 13.1 WASTE MANAGEMENT PROCEDURES

The product can be disposed of as special, non-hazardous, urban waste at an authorised waste disposal centre. Handle according to the local and national laws in force, using waste disposal code 07.02.13-17.02.03-20.01.39 (depending on your uses).

The assignment of the waste disposal code is the sole responsibility of the producer of the waste and depends on the use of the product and production processes.

The recommendations in the present document are only indicative and not prescriptive.

## 14. TRANSPORTATION INFORMATION

Non-hazardous goods in accordance with the transportation laws in force

14.1. *UN Number*

Not applicable

14.2. *UN delivery number*

Not applicable

14.3. *Transportation of dangerous goods class*

Not applicable

14.4. *Packaging group*

Not applicable

14.5. *Environmental hazards*

Not applicable

14.6. *Special precautions for users*

Not applicable

Road and Rail (ADR-RID):

Not applicable

Air (IATA):

Not applicable

Sea (IMDG):

14.7. *Transportation of bulk cargoes in accordance with Appendix II of MARPOL and the IBC code*

Not applicable

Product stored in rolls or slabs on pallets. The use of belts/ropes to secure the pallets to the transportation means is recommended.

## 15. INFORMATION ON THE REGULATIONS

### 15.1 Specific health, safety and environmental laws for the substance or mixture

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### 15.2 Chemical safety assessment

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## 16. ADDITIONAL INFORMATION

The product is NOT classified as hazardous in accordance with European directive 2001/58/CE. Therefore, the Safety Data Sheet is not an obligatory requirement. In any case, we feel it is useful to provide users with the enclosed information, to ensure the correct and responsible use of the product. *Ministerial Decree 28/01/92 "Classification and Labelling "*: not applicable.

Does not require labelling in accordance with EU Directive 67/548/CEE and (EC) Regulation 1272/2008

According to *Reach (1097/2006) regulations and successive amendments, the product in question is considered an 'item'*.

*The information contained herein is based on the data available to us at the time the present document was issued. This information only refers to the indicated product and is not a guarantee of product quality.*

*The present sheet cancels and voids any other previous issue or revisions.*